

REMARKS

Claims 1-17 (of which claims 1, 6, 10 and 13 are independent) are currently pending. In the Office Action mailed August 8, 2005, claims 1-7, 10-14 and 16 were rejected under 35 U.S.C. § 103(a) as being obvious over Gilhousen, U.S. Patent Number 5,280,472 in view of Komara, U.S. Patent Number 6,088,570 in further in view of Sourour, U.S. Patent Number 6,560,273, in further view of Wheatley, U.S. Patent Number 5,577,265; and claims 8-9 and 15 were objected to as being dependent upon a rejected base claim but allowable if rewritten in independent form. Claims 7-8, 10-12, 15 and 17 have been canceled.

I. Examiner Interview

The present application describes a method for receiving multi-path signals. A rake receiver that contains multiple fingers is used to receive the multi-path signals. Each finger of the rake receiver includes a variable delay element. The delay of the variable delay element may be determined by scanning through a range of delays of the variable delay element and measuring an output signal level of the finger, and the variable delay element can then be set to a delay corresponding to the highest measured output signal level. (Abstract).

During a telephonic interview with the Examiner on September 28, 2005, the Examiner informed Applicant that claim 8, and in particular, language indicating how the delay is set for each finger of the rake receiver, includes teachings not disclosed within any references of record.

Applicant has amended claim 1 to include language of claim 8 and to indicate that certain steps are performed for each finger of the rake receiver. In addition, Applicant has amended claim 13 to include similar content. Further, Applicant has incorporated the language of claim 8, including language of intervening claim 7, within claim 6. As a result, Applicant contends that all pending claims 1-6, 9, 13-14 and 16 contain allowable subject matter.

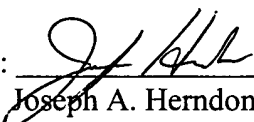
II. Summary

Applicant respectfully submits that, in view of the remarks above, all of the pending claims are in condition for allowance. Applicant therefore respectfully requests such action. The Examiner is invited to call the undersigned at (312) 913-3331 with any questions or comments.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff LLP

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By: 
Joseph A. Herndon
Reg. No. 50,469